

Fire-Rescue Department

Sprinkler Policies Policy FS - 0403

Minimum Inspection Requirements

- 1. The purpose of this is to establish the minimum level of inspections.
- 2. This policy applies to all sprinkler underground and sprinkler overhead inspections.
- 3. The contractor is responsible for scheduling all the inspections that are identified on the approved drawings. Fire and Life Safety Services approved drawings, with a wet stamp, shall be on site during all inspections.
 - A. Underground Visual (No. 45 on the Inspection Record Card) The following are the items to inspect:
 - i. Size, type, and laying of pipe,
 - ii. burial depth of pipe,
 - iii. thrust blocks,
 - iv. valves, and
 - v. corrosion protection.
 - vi. 13R and 13D systems that are combined with the domestic water do not require an underground visual inspection to be witnessed by SDFD.
 - B. Underground Hydro (No. 45 on the Inspection Record Card) and Flush (No. 47 on the Inspection Record Card):
 - i. Hydrostatically tested in accordance with NFPA 24.
 - 1. **Exception:** A 13R or 13D system that is combined with the domestic water supply does not require a hydrostatic test inspection to be witnessed by SDFD
 - ii. Flushed in accordance with NFPA 24.
 - 1. **Exception**: A 13D system is not required to have flush inspection to be witnessed by SDFD.
 - C. Sprinkler Overhead (No. 26 on the Inspection Record Card) The following are the items to inspect/test:
 - i. Pipe size,
 - ii. Sprinkler spacing,
 - iii. Hydrostatic test,
 - iv. Hanger size and spacing,
 - v. Earthquake protection,
 - vi. Waterflow bell location, and

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- vii. Location of FDC.
- D. Sprinkler Final (No. 28 on the Inspection Record Card) The following are the items to inspect:
 - i. Sprinkler temperature rating,
 - ii. Sprinkler location in relation to walls and obstructions,
 - iii. Waterflow bell test,
 - iv. Main drain test, and
 - v. Test of monitoring including all valve tamper switches.
 - vi. Concealed sprinklers must have their cover plate <u>off</u> during the sprinkler final inspection.
 - vii. The contractor shall provide the inspector a copy of the monitoring contract for SDFD records.
 - viii. The contractor shall provide the inspector a copy of the "Contractor's Materials and Test Certificate" for SDFD records

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